

Andrey A Timopheev

List of Publications by Year in descending order

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20
papers

284
citations

840728

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888047

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all docs

20
docs citations

20
times ranked

322
citing authors

#	ARTICLE	IF	CITATIONS
1	The influence of intergranular interaction on the magnetization of the ensemble of oriented Stoner-Wohlfarth nanoparticles. Journal of Applied Physics, 2009, 105, 083905.	2.5	33
2	Superferromagnetism and coercivity in Co-Al ₂ O ₃ granular films with perpendicular anisotropy. Journal of Applied Physics, 2012, 111, 123915.	2.5	30
3	Direct and converse magnetoelectric effects in Metglas/LiNbO ₃ /Metglas trilayers. Journal of Applied Physics, 2013, 114, .	2.5	23
4	Magnetic properties of La _{0.7} Sr _{0.3} MnO ₃ nanopowders. Low Temperature Physics, 2008, 34, 436-445.	0.6	22
5	Growth-induced perpendicular anisotropy of grains in Co-Al-O nanogranular ferromagnetic films. Physics of the Solid State, 2011, 53, 494-503.	0.6	20
6	Coercivity anomaly in the superferromagnetic state of an ensemble of nanoparticles with oriented anisotropy. Journal of Applied Physics, 2010, 108, .	2.5	19
7	Defect-induced magnetism in homoepitaxial manganese-stabilized zirconia thin films. Journal Physics D: Applied Physics, 2013, 46, 275002.	2.8	17
8	Anisotropy of the magnetoelectric effect in tri-layered composites based on single-crystalline piezoelectrics. Vacuum, 2015, 122, 286-292.	3.5	16
9	Intergranular interactions in nanogranular (CoFeB) _x (SiO ₂) _{1-x} films with temperature and angular variations in coercivity. Low Temperature Physics, 2010, 36, 682-692.	0.6	15
10	Magnetic anisotropy of epitaxial zinc ferrite thin films grown by pulsed laser deposition. Thin Solid Films, 2013, 527, 273-277.	1.8	15
11	Simulation of the magnetization reversal of an ensemble of single-domain particles in measurements with a continuous sweep of the magnetic field or temperature. Low Temperature Physics, 2008, 34, 446-457.	0.6	13
12	Positive magnetoresistance in granular magnetic films with perpendicular anisotropy. Journal of Applied Physics, 2011, 110, 113918.	2.5	11
13	Investigations of the magnetic properties of the granular system Co _{0.6} (Al ₂ O _n) _{0.4} possessing isotropic positive magnetoresistance. Low Temperature Physics, 2007, 33, 974-986.	0.6	10
14	Low-temperature onset of the spin glass correlations in the ensemble of oriented Stoner-Wohlfarth nanoparticles. Journal of Applied Physics, 2010, 108, 033919.	2.5	9
15	Influence of the demagnetizing factor on the magnetization of an ensemble of Stoner-Wohlfarth particles. Journal of Experimental and Theoretical Physics, 2011, 112, 441-450.	0.9	9
16	Effect of Interaction in the Magnetization Reversal Relaxation of Superparamagnetic Granular CoFeB-SiO ₂ Films. Solid State Phenomena, 0, 152-153, 213-216.	0.3	7
17	Features of ferromagnetic resonance in nanogranular films with perpendicular anisotropy of particles. Journal of Applied Physics, 2011, 109, 043903-043903-11.	2.5	6
18	NiFe/CoFe/Cu/CoFe/MnIr spin valves studied by ferromagnetic resonance. Journal of Applied Physics, 2013, 113, 17D713.	2.5	6

#	ARTICLE	IF	CITATIONS
19	Resonant and non-resonant microwave absorption as a probe of the magnetic dynamics and switching in spin valves. <i>Journal of Applied Physics</i> , 2013, 114, 023906.	2.5	2
20	EPR studies of changes in the charge state of Cr over a cross section of dislocation pipes in ZnS crystals. <i>Physics of the Solid State</i> , 2006, 48, 882-886.	0.6	1